

bench, tested 1-foot, 3-foot, 40-inch, and 10-foot bars and rods. In 1884 he purchased the late Dr. Common's 3-foot reflecting telescope and built an observatory with an iron dome about 40 feet in diameter. After spending some years in improving the mechanical details of the instrument and trying to use it for celestial photography, he presented it to the Lick Observatory, the climate of Halifax being found quite unsuitable for so large an aperture. The 9-inch object-glass of the equatorial was sold a few years ago, and one of Cooke's new triple object glasses was put in its place. He was elected a Fellow of the Royal Astronomical Society on the 14th June 1867.

Mr. Crossley died suddenly on the 21st of January 1905.

THE REV. R. P. DAVIES was born in 1823 at Llanddulas, in Denbighshire, of which parish his father was then Rector. On his father's removal to Liverpool he received his early education at the Grammar School in that city. Thence he proceeded to Corpus Christi College, Cambridge, where he took his degree in 1845 as thirty-third Wrangler.

He was ordained to the curacy of Easington, in Yorkshire, in 1846. In 1849 he removed to Hertfordshire, becoming incumbent of the little church and district of St. Mary, in the parish of Hatfield. Here he remained for twenty years, and in 1869 he accepted from Sir T. S. Bazley, Bart., the living of Hatherop, in Gloucestershire, which he retained till his death thirty-five years afterwards.

He was much interested in astronomy, and was a careful observer. He became a Fellow of the Royal Astronomical Society on the 12th of March 1869. For some forty years he had an observatory with equatorial telescope and a good transit instrument.

For more than two years he was a regular contributor to the rainfall statistics of Mr. Symons.

He retained to the end of a long life interest in scientific pursuits, as well as care for the poor and the welfare of his parish and the neighbourhood.

JOHN HORSLEY HASLAM was born on the 25th of December 1850 at Baldhu Parsonage, Cornwall, of which place his father was Vicar. He went to St. Catharine's College, Cambridge; took his degree in 1874, and was ordained in 1874. For a short time he was curate of Wanstead, Essex; then took charge of the parish of Holbrook, Derbyshire; and in 1876 was appointed to St. John's, Highbury Vale. In 1880 he became Vicar of St. Matthias, Birmingham; in 1886 he was Rector of Gravesend, and in 1899 Vicar of St. Saviour's, Denmark Park.

He was earnest and energetic, an eloquent preacher, was skilful in painting, and had a great love for science, especially astronomy. He erected an observatory with his own hands in his garden at Wallington, Surrey, and afterwards at Gravesend

and Denmark Park, and was in much request as a lecturer. He was elected a Fellow of the Society on the 14th of March 1902.

In 1875 Mr. Haslam married Ellen Marianne, daughter of William Gorham, of Tonbridge. He had three children, two of whom survive him. Last year his strength began to fail, and he was advised to go to Switzerland; while there an operation became necessary, but he had not strength to rally from it. He was buried at Lucerne, where he died on the 27th of August 1904.

ANDREW HENDERSON was born at Kirkwall on the 4th of January 1825. While still a child his parents removed to Dundee, where he was educated at Tay Square and Dundee Academies. In 1839 he entered the College of St. Andrews, of which Sir David Brewster was then Principal. Mr. Henderson was ordained in 1847, and became minister of the United Presbyterian Church at Coldingham, Berwickshire, till 1855, when he became minister of the United Presbyterian Church at Paisley, where he remained till his death, though in 1897 he had partially retired from active ministerial work.

In 1857 Henderson, with a few others, revived the Paisley Philosophical Society, of which he was President for eight years; he was prominent in connexion with every educational institution in the town, especially the Paisley Technical College and the Paisley Grammar School. In 1888 he took a large share in building and equipping the Camphill School, then the largest elementary school in Scotland; and only a fortnight before his death he visited the Technical College to inspect the new apparatus which had been supplied for the laboratories. He was at the head of the Committee of Management of the Astronomical Observatory founded by the late Thomas Coats, the instrumental equipment of which was entirely arranged by Dr. Henderson, who published in 1899 a small work, *The Coats Observatory: its History and Equipment*. His interest in astronomy led him to deliver numerous astronomical lectures in Paisley, while his energy and administrative ability made him a prominent member of nearly every educational board and committee of the charitable institutions of Dundee. In 1887 the University of St. Andrews conferred on him the degree of LL.D. He was elected a Fellow of the Royal Astronomical Society on the 9th of January 1885.

He died on the 29th of October 1904.

CHARLES HORSLEY was born on the 30th of May 1829 at Pye Bridge, Derbyshire, and educated at Derby Grammar School. After a few years spent at various engineering works he came to London and acted as agent and consulting engineer to Messrs. James Oakes & Co., of Alfreton, Derbyshire, a position he held until his death. He was elected a Member of the Institute of Civil Engineers in 1883, and was President of the Society of

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